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supervisor, that this waste is compatible with other waste streams stored in the area;

- (b) the waste profile including analysis, when available, or if applicable, process knowledge in accordance with procedures described in the Waste Analysis Plan may be substituted; and
- (c) the date this will start. If storage is required due to an emergency situation (e.g., a spill of product) then the Permittee may waive the pre-notification requirement, but shall notify the Environmental Coordinator as soon as practicable.

Notifications shall be included in the monthly report submitted to the Department, as required by Module V, Condition E.2.

If this material is to be ultimately incinerated on-site, then this information will be submitted in conjunction with the information to be submitted as detailed by the Supplementary Approval procedure in Attachment F.

- (5) The precipitation is to be managed, treated and discharged subject to the terms of all applicable discharge permits, and 373-2.9(f)(v).

B. CONTAINMENT [6NYCRR 373-2.9(f)]

Container storage areas must have a containment system that is designed, constructed and operated as specified in Attachments D and I, and as follows:

- (1) A base must underlay the containers which is free of cracks or gaps and is sufficiently impervious to contain leaks, spills, and accumulated precipitation until the collected material is detected and removed;
- (2) The base must be sloped or the containment system must be otherwise designed and operated to drain and remove liquid resulting from leaks, spills, or precipitation, unless the containers are elevated or are otherwise protected from contact with accumulated liquids;
- (3) The containment system must have sufficient capacity to contain 10 percent

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of the volume of containers or the volume of the largest container, whichever is greater. Containers that do not contain free liquids need not be considered in this determination;

- (4) Run-on into the containment system must be prevented unless the collection system has sufficient excess capacity in addition to that required in B(3) above to contain any run-on which might enter the system;
- (5) Spilled or leaked waste and accumulated precipitation must be removed from the sump or collection area in as timely a manner as is necessary to maintain available containment and to prevent overflow of the collection system.

C. CONDITION OF CONTAINERS [6NYCRR 373-2.9(b)]

If a container holding hazardous waste is not in good condition (e.g., severe rusting, apparent structural defects, deterioration of liner) or if it begins to leak, the Permittee shall transfer the hazardous waste from such container to a container that is in good condition or otherwise manage the waste in compliance with the conditions of this Permit. Each such occurrence shall be recorded in the inspection log and maintained as part of the operating record required by Module I, Condition D.5(c). If any leaking container threatens human health or the environment, the Permittee must immediately report the situation as specified in Module I, Condition G, (i.e., Oral Reports).

D. COMPATIBILITY OF WASTE WITH CONTAINERS [6NYCRR 373-2.9(c)]

The Permittee must use a container made of or lined with materials which will not react with, and are otherwise compatible with, the hazardous waste to be stored, so that the ability of the container to contain the waste is not impaired and is in accordance with Attachment D.

E. MANAGEMENT OF CONTAINERS [6NYCRR 373-2.9(d)]

- (1) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste.

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- (2) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
- (3) Containers holding hazardous waste must be marked with the words "Hazardous Waste" and with other words identifying their contents. Such containers must be stored in a clearly designated area separate from nonhazardous wastes and other materials.

F. INSPECTIONS [6NYCRR 373-2.9(e)]

The Permittee must inspect areas where containers are stored, looking for leaking containers and for deterioration of containers and the containment system caused by corrosion or other factors at least weekly and comply with the Inspection Plan in Attachment B which may require a more frequent inspection schedule. Loading and unloading areas must be inspected daily when in use (373-2.2(g)(2)(iv)). The Permittee must maintain aisle space to allow for the unobstructed movement of personnel to perform inspections.

G. SPECIAL REQUIREMENTS FOR IGNITABLE OR REACTIVE WASTE [6NYCRR 373-2.9(g)]

The Permittee shall not locate containers holding ignitable or reactive waste within 15 meters (50 feet) of the facility's property line.

H. SPECIAL REQUIREMENTS FOR INCOMPATIBLE WASTE [6NYCRR 373-2.9(h)]

- (1) The Permittee shall not place incompatible wastes or incompatible wastes and materials in the same container.
- (2) The Permittee shall not place hazardous waste in an unwashed container that previously held an incompatible waste or material.
- (3) A storage container holding a hazardous waste that is incompatible with any waste or other material stored nearby in other containers, piles, open tanks, or surface impoundments must be separated from other materials or protected from them by means of a dike, berm, wall, or other device.

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I. CLOSURE [6NYCRR 373-2.9(i)]

At closure, all hazardous waste and hazardous waste residues must be removed from the containment system. Remaining containers, liners, bases, and soil containing or contaminated with hazardous waste or hazardous waste residues must be decontaminated or removed. The Permittee must comply with the Closure Plan incorporated into this Permit pursuant to Module I.

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Special Requirements for Bag Storage Area T-28

1. Authorized Management Areas, Waste Types, and volumes:

The Permittee may manage certain hazardous wastes (e.g., hazardous waste code F020) in bag storage area T-28 at the facility subject to the terms of this Permit. Permitted volumes, waste types, and management requirements are specified in Attachment D of this Permit.

(a) Supplemental Approval Procedures (SAP):

Before a waste may be accepted for storage in the bag storage area, the following information must be submitted in writing to, and accepted by, the Department:

- i. The specific location(s) from which the soil/sediment to be stored will be generated.
- ii. The proposed technique(s) for treating the waste so that:
 - a) the waste will not contain or generate free liquids while in the storage area;
 - b) the waste will have sufficient shear strength to maintain the stability of the storage area as specified in Attachment A of this Permit;
 - c) biological activity which may result in gas generation while the waste is in the area will be minimized.

2. Design and Operation Requirements:

The bag storage area and structure must be maintained and operated in accordance with Attachments D and I of this Permit and 6 NYCRR 373-2.9(a) and as follows:

- (a) The bag storage area must be inside a structure that provides protection from

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precipitation so that neither run-off nor leachate is generated;

- (b) Liquids or materials containing free liquids are not placed in the bag storage area;
- (c) The bag storage area is designed and operated to control dispersal of the waste by wind;
- (d) The bag storage area will not generate leachate through decomposition or other reactions; and
- (e) The bag storage area is protected from surface water run-on.

3. Containment:

The Permittee shall provide and maintain a containment system for the permitted bag storage area in accordance with the requirements of Attachments D and I of this Permit. The containment system must be free of cracks, gaps, tears, or punctures and be sufficiently impervious to wastes or liquids to prevent migration through the system.

4. Condition and Management of Bags:

If a bag holding the hazardous wastes specified in Section (A) above is not in good condition (e.g., torn, punctured, apparent structural defects, deterioration of liner) or if it begins to leak, the Permittee shall transfer the hazardous waste from such bag to an appropriate container that is in good condition or otherwise manage the waste in compliance with the conditions of this Permit. Each such occurrence shall be recorded in the inspection log and maintained as part of the operating record in accordance with 6NYCRR 373-2.9(d). If any leaking bag threatens human health or the environment, it must be reported as specified in Module I, Condition G (i.e., 24-hour reporting). Bags must be managed in accordance with Attachment D of this Permit.

5. Compatibility of Waste with Bags:

The Permittee shall assure that the ability of the bags to contain or store the waste is

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not impaired to the extent practicable and shall comply with Attachment D of this Permit.

6. Special Requirements for Ignitable or Reactive Waste:

No ignitable or reactive waste shall be stored in the bag storage areas.

7. Special Requirements for Incompatible Waste:

- (a) The Permittee shall not place incompatible wastes or incompatible wastes and materials in the same bag storage area.
- (b) The Permittee shall not place hazardous waste in an unwashed bag that previously held an incompatible waste or material.

8. Inspections:

In accordance with 6 NYCRR 373-2.9(e), the Permittee shall inspect the bag storage area weekly, looking for leaking bags and for deterioration of bags and the containment system, the presence of liquids in the containment system sumps, and improper operation of run-on and run-off control systems. The Permittee must remedy any deterioration or malfunction of bags, equipment, or structures which the inspection reveals on a schedule which ensures that the problem does not lead to an environmental or human health hazard. Where a hazard is imminent or has already occurred, remedial action must be taken immediately. Inspection procedures and frequencies shall be carried out in accordance with Attachment B of this Permit.

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TABLE III-1

Container Storage Areas

STORAGE AREA NAME AND LOCATION	ALLOWABLE EPA WASTE CODES	CONTAINER TYPE AND VOLUME	TOTAL VOLUME OF WASTE STORED
C-Area Pad	Table III-A [strongly acidic materials should not be stored here]	30, 55 or 85-gallon drums; 525-gallon portable container	Solids: 11,000 gallons <u>Liquids</u> : 5500 gallons
Incinerator Unloading Pad	Table III-B	trailers: \leq 5000 gallons	<u>Liquids</u> : 15,000 gallons
M-Area Pad	Table III-A [strongly acidic materials should not be stored here]	30, 55 or 85-gallon drums; 525-gallon portable container	Solids: 15,400 gallons <u>Liquids</u> : 7700 gallons
N-Area Pad	Table III-A [strongly acidic materials should not be stored here]	30, 55, or 85-gallon drums; 525-gallon portable container;	Solids: 10,120 gallons <u>Liquids</u> : 5060 gallons
T-Area Pad	Table III-B	30-cubic yards rolloff and smaller containers	<u>Solids</u> : 3000 cubic yards

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STORAGE AREA NAME AND LOCATION	WASTE TYPE AND EPA WASTE CODE *	CONTAINER TYPE AND VOLUME	TOTAL VOLUME OF WASTE STORED **
T-20 Unloading Pad	Table III-B	trailers: \leq 5000 gallons drums: <u>not to be stored here more than 40 at any one time nor for more than 30 days (this may be extended on a case-by-case basis at the discretion of the DEC Environmental Coordinator).</u>	<u>Liquids</u> : 10,000 gallons
T-28	Table III-C	2.5-cubic yard bags	<u>Solids</u> : 20,000 cubic yards
U-90	Table III-C	30, 55, or 85-gallon drums	<u>Solids</u> : 335,280 gallons <u>Liquids</u> : 111,760 gallons
U-67 Unloading Pad	Table III-B	trailers: \leq 6500 gallons	<u>Liquids</u> : 26,000 gallons

* Tables listed in this column refer to tables in this module.

** For the purposes of calculating the volume of waste in a storage area under this Permit, all containers in the area shall be considered as full.

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Table III-A

D-CODES	F-CODES	K-CODES	P-CODES	U-CODES
D001 - D043	F001, F002, F003, F005, F020, F027, F038, F039	K030, K071, K073, K085, K151	P011, P012, P022, P050, P098, P104, P106	U002, U012, U017, U019, U022, U023, U027, U030, U031, U036, U037, U041, U044, U045, U048, U050, U052, U055 - U057, U060, U061, U067, U070 - U072, U076 - U082, U101, U108, U109, U117, U121 - U123, U125, U127 - U131, U133, U135, U144, U151, U154, U157, U159 - U162, U165 - U167, U170, U183, U184, U188, U190, U196, U201, U202, U207 - U211, U213, U219 - U221, U223, U226 - U228, U239, U244, U328, U353

Table III-B

B-CODES	D-CODES	F-CODES	K-CODES	P-CODES	U-CODES
*B001, *B002, *B003	D001 - D043	F001, F002, F003, F005, F020, F027, F038, F039	*K015, K030, K071, K073, K085, *K149, *K150, K151	*P006, P011, P012, P022, *P028, *P030, P050, P098, P104, P106	U002, *U003, U012, U017, U019, U022, U023, U027, U030, U031, U036, U037, U041, U044, U045, U048, U050, U052, U055 - U057, U060, U061, U067, U070 - U072, U076 - U082, U101, U108, U109, U117, U121 - U123, U125, U127 - U131, U133, *U134, U135, U144, *U147, U151, U154, U157, U159 - U162, U165 - U167, U170, U183, U184, U188, *U189, U190, U196, U201, U202, U207 - U211, U213, U219 - U221, U223, U226 - U228, U239, U244, *U249, U328, U353

* These waste codes may not be stored in drums in these areas.

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Table III-C

B-CODES	D-CODES	F-CODES	K-CODES	P-CODES	U-CODES
B001, B002, B003, B004, B005, B006, B007	D001 - D043	F001, F002, F003, F005, F020, F027, F038, F039	K015, K030, K071, K073, K085, K149, K150, K151	P006, P011, P012, P022, P028, P030, P050, P098, P104, P106	U002, U003, U012, U017, U019, U022, U023, U027, U030, U031, U036, U037, U041, U044, U045, U048, U050, U052, U055 - U057, U060, U061, U067, U070 - U072, U076 - U082, U101, U108, U109, U117, U121 - U123, U125, U127 - U131, U133 - U135, U144, U147, U151, U154, U157, U159 - U162, U165 - U167, U170, U183, U184, U188 - U190, U196, U201, U202, U207 - U211, U213, U219 - U221, U223, U226 - U228, U239, U244, U249, U328, U353

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MODULE IV - STORAGE/TREATMENT IN TANKS

A. AUTHORIZED TANKS AND WASTES

- (1) The Permittee is authorized to use the following tank systems for the storage of the types of hazardous wastes as provided in Table IV-1 of this module and Attachment E, and subject to the terms of this Permit.
- (2) The Permittee is prohibited from adding additional hazardous waste tanks or from storing or treating hazardous wastes that are not identified in Permit Condition IV.A(1) of this module without permit modifications.
- (3) The Permittee may accept hazardous wastes from facilities listed below and store them in tanks at the facility subject to the terms of this Permit. Restrictions on the waste types that can be stored in each permitted tank and tank volumes are specified in Attachment E and Table IV-1.
 - (a) Process wastes collected and generated on-site.
 - (b) Liquid wastes generated during remedial activities at OCC and OCC-associated remedial sites in Western New York.
 - (c) Wastes generated by contractors from the storage of OCC products for OCC in the NOCO Energy Corporation storage site.
 - (d) Wastes identified pursuant to the PCB trial burns described in the PCB Trial Burn Report located on or adjacent to OCC productions in Taft, Louisiana.
 - (e) The segregatable portion of wastes from multi-generator disposal sites which were generated at the OCC facilities identified in (b) through (d) above.
 - (f) All wastes identified in (b) through (d) above generated as a result of integrated remedial activities undertaken at multigenerator disposal sites which are presently the subject of litigation before the U.S. District Court for the Western District of New York between EPA and/or New York State and OCC.

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The Western New York sites generating the above remedial wastes include the Hyde Park landfill; the "S-Area" landfill and other sources at the OCC Buffalo Avenue, Niagara Falls plant; the 102nd St. landfill; the OCC Durez plant; and Love Canal.

These wastes may be stored in areas listed in Table IV-1.

- (4) If any new hazardous waste streams, having the EPA hazardous waste codes in Table IV-1, but not described in Attachment E are to be stored in any permitted tank, the Permittee is to notify the Department in writing before this is to occur, and will include the following information:
- (a) the compatibility of the new hazardous waste with the tank material and with other waste streams stored in the tank;
 - (b) the waste profile, including analysis, in accordance with the WAP; and
 - (c) the expected volume of waste to be stored.

If this material is to be ultimately incinerated on-site, then this information will be submitted in conjunction with the information to be submitted as detailed by the Supplementary Approval procedure in Attachment F.

- (5) If any new hazardous waste streams not having the EPA waste codes in Table IV-1 are to be stored in any permitted tank, the Permittee must seek a permit modification before this is to occur. This request for a modification will be in accordance with 373-1.7, and will also include the following information:
- (a) the compatibility of the new hazardous waste with the tank material and with other waste streams stored in the tank;
 - (b) the waste profile, including analysis, in accordance with the WAP; and
 - (c) the expected volume of waste to be stored; and

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- (d) the applicable EPA waste codes.
- (6) If any new solid waste streams not described in Attachment E are to be stored in any permitted tank, the Permittee is to notify the Department in writing before this is to occur, and will include the following information:
 - (a) the compatibility of the new solid waste with the tank material and with other waste streams stored in the tank;
 - (b) the waste profile, including analysis, in accordance with the WAP; and
 - (c) the expected volume of waste to be stored.

If this material is to be ultimately incinerated on-site, then this information will be submitted in conjunction with the information to be submitted as detailed by the Supplementary Approval procedure in Attachment F.

- (7) Within 90 days of the effective date of the Permit, the Permittee shall install equipment to prevent overflows from Tank-19, as required by 6 NYCRR 373-2.10(e)(2), which shall include at a minimum one of the following overflow prevention controls: high level alarm, automatic feed cutoff, or bypass to a standby tank. Within 15 days of installation, Permittee shall notify the Department in writing of the upgrade, and shall provide revised information for inclusion into Attachment E.
- (8) The requirements of these Modules supersede any conflicting requirements in any Attachments of this permit.

B. (1) DESIGN AND INSTALLATION OF NEW TANK SYSTEMS OR COMPONENTS

- (a) For the design and installation of new hazardous waste tank systems or components not authorized by IV.A(1) which the Permittee proposes to construct in the future, the Permittee must, prior to construction, submit to the Commissioner an application to modify this Permit including design plans, specifications and a written assessment of the tank systems' structural integrity as required by

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6NYCRR 373-2.10(c) and obtain a permit modification.

- (b) For tank systems used to store or treat materials that in the future are defined as hazardous waste, the Permittee must obtain a written assessment of the existing tank system integrity within 12 months from the date the waste is defined as hazardous [6 NYCRR 373-2.10(b)(3)]. The assessment shall be certified by an independent, qualified, professional engineer registered in the State of New York [6 NYCRR 373-2.10(b)].

(2) Secondary Containment and Leak Detection

(a) Tanks With Secondary Containment Systems:

The Permittee shall construct and maintain the secondary containment and leak detection systems in accordance with the requirements of 6 NYCRR 373-2.10(d) and as specified in the attached plans and specifications, Attachments E and I.

(b) Tanks Without Secondary Containment Systems:

For tank systems that store or treat materials that in the future are defined as hazardous waste, the Permittee shall design and construct the secondary containment system within the time specified in 6NYCRR 373-2.10(d)(1)(vi).

- (3) Responses to Leaks or Spills and Disposition of Leaking or Unfit-for-Use Tank Systems: The Permittee must immediately remove from service any tank system or secondary containment system from which there has been a leak or spill or which is found to be leaking or unfit for use as a result of the leak test or assessment, and must satisfy the requirements of 6 NYCRR 373-2.10(g) including the 24-hour notification and 30-day report to the Commissioner, containment of releases, repair of the system, and certification of major repairs by an independent, qualified, professional engineer registered in New York State. Examples of major repairs are: installation of an internal liner, repair of a ruptured tank or extensive repair or replacement of a secondary containment system.

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C. GENERAL OPERATING REQUIREMENTS

- (1) The Permittee shall operate the tank systems authorized in Condition IV A(1) as specified in Attachment E.
- (2) The Permittee shall not place hazardous wastes or treatment reagents in the tank system if they could cause the tank, its ancillary equipment, or a containment system to rupture, leak, corrode or otherwise fail. [6 NYCRR 373-2.10(e)(1)].
- (3) The Permittee shall prevent spills and overflows from the tank or containment systems, as required by 6 NYCRR 373-2.10(e)(2), and by the methods specified in Attachment E.
- (4) The Permittee shall conduct a Leak Detection and Repair (LDAR) program for the tank systems authorized in Conditions IV.A(1) and IV.B(1)(a) as required by 373-2.28 by the methods specified in Attachment B.

The Permittee shall inspect and monitor emissions control devices as specified in Module I, Condition D(9).

D. SPECIAL REQUIREMENTS FOR IGNITABLE OR REACTIVE WASTES

- (1) The Permittee shall not place ignitable or reactive waste in a tank unless the standards described in Attachment E and 6 NYCRR 373-2.10(i)(1) are met.
- (2) The Permittee shall document compliance with Condition IV.D(1) as required by 6 NYCRR 373-2.2(i) and place this documentation in the operating record as specified in Module I, Condition D(5).
- (3) The Permittee shall maintain buffer zones around tanks as specified in Attachment E and as required by 6 NYCRR 373-2.10(i)(2).

E. SPECIAL REQUIREMENTS FOR INCOMPATIBLE WASTES

- (1) The Permittee shall not place incompatible wastes in the same tank or place

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hazardous waste in a tank that previously held an incompatible waste or material unless the procedures specified in Attachment E and 6 NYCRR 373-2.2(i) are met.

- (2) The Permittee shall document compliance with Condition IV.E(1) as required by 6 NYCRR 373-2.2(i) and place this documentation in the operating record as specified in Module I, Condition D(5).

F. INSPECTION SCHEDULES

The Permittee shall perform inspections of the tank systems including the secondary containment systems, leak detection systems, tank covers, tank vent safety devices, closed-vent systems, and emission control devices used to manage hazardous waste as described in 6 NYCRR 373-2.10(f) and as specified in Attachments B and E, respectively. Documentation of all inspections must be placed in the operating record of the facility.

G. NOT APPLICABLE

H. CLOSURE AND POST CLOSURE CARE

- (1) At closure of the tank system, the Permittee shall follow the procedures in the Closure Plan, Attachment H for tanks authorized in Table IV-1 [6 NYCRR 373-2.10(h)]. Future tank system additions are to be handled as permit modifications and future tank system closures are to be handled pursuant to Attachment H.
- (2) If the Permittee demonstrates that not all contaminated soils can be practically removed or decontaminated in accordance with the Closure Plan then the Permittee shall close the tank system and perform post-closure care following the procedures in the Closure Plan and the Contingent Post-Closure Plan, in accordance with Attachment H, 6 NYCRR 373-2.10(h)(2) and Module II (corrective action).

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Table IV-1

Hazardous Waste Tanks

Tank Number	Tank Volume	Tank Location	Applicable EPA Waste Codes
1	5000 Gal	U-87	B001, B002, B003, D001, D002, D003, D004, D006, D008, D018, D019, D021, D022, D026, D027, D028, D029, D032, D033, D034, D035, D039, D040, F001, F002, F003, F005, F020, F039, K015, K073, K085, K149, K150, K151, P022, U017, U019, U023, U037, U070, U071, U072, U128, U131, U188, U207, U209, U210, U211, U220, U228, U239
2	5000 Gal	U-87	B001, B002, B003, D001, D002, D003, D004, D006, D008, D018, D019, D021, D022, D026, D027, D028, D029, D032, D033, D034, D035, D039, D040, F001, F002, F003, F005, F020, F039, K015, K073, K085, K149, K150, K151, P022, U017, U019, U023, U037, U070, U071, U072, U128, U131, U188, U207, U209, U210, U211, U220, U228, U239
3	5000 Gal	U-87	B001, B002, B003, D001, D002, D003, D004, D006, D008, D018, D019, D021, D022, D026, D027, D028, D029, D032, D033, D034, D035, D039, D040, F001, F002, F003, F005, F020, F039, K015, K073, K085, K149, K150, K151, P022, U017, U019, U023, U037, U070, U071, U072, U128, U131, U188, U207, U209, U210, U211, U220, U228, U239
4	10,000 Gal	U-87	B001, B002, B003, D001, D002, D003, D004, D006, D008, D018, D019, D021, D022, D026, D027, D028, D029, D032, D033, D034, D035, D039, D040, F001, F002, F003, F005, F020, F039, K015, K073, K085, K149, K150, K151, P022, U017, U019, U023, U037, U070, U071, U072, U128, U131, U188, U207, U209, U210, U211, U220, U228, U239

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Tank Number	Tank Volume	Tank Location	Applicable EPA Waste Codes
5	10,000 Gal	U-87	B001, B002, B003, D001, D002, D003, D004, D006, D008, D018, D019, D021, D022, D026, D027, D028, D029, D032, D033, D034, D035, D039, D040, F001, F002, F003, F005, F020, F039, K015, K073, K085, K149, K150, K151, P022, U017, U019, U023, U037, U070, U071, U072, U128, U131, U188, U207, U209, U210, U211, U220, U228, U239
6	10,000 Gal	U-87	B001, B002, B003, D001, D002, D003, D004, D006, D008, D018, D019, D021, D022, D026, D027, D028, D029, D032, D033, D034, D035, D039, D040, F001, F002, F003, F005, F020, F039, K015, K073, K085, K149, K150, K151, P022, U017, U019, U023, U037, U070, U071, U072, U128, U131, U188, U207, U209, U210, U211, U220, U228, U239
8	4500 Gal	N-area	B001, B002, B003, D001, D002, D003, D004, D006, D008, D018, D019, D021, D022, D026, D027, D028, D029, D032, D033, D034, D035, D039, D040, F001, F002, F003, F005, F020, F039, K015, K073, K085, K149, K150, K151, P022, U017, U019, U023, U037, U070, U071, U072, U128, U131, U188, U207, U209, U210, U211, U220, U228, U239
9	5000 Gal	Near M-22	B001, B002, B003, D001, D002, D003, D004, D006, D008, D018, D019, D021, D022, D026, D027, D028, D029, D032, D033, D034, D035, D039, D040, F001, F002, F003, F005, F020, F039, K015, K073, K085, K149, K150, K151, P022, U017, U019, U023, U037, U070, U071, U072, U128, U131, U188, U207, U209, U210, U211, U220, U228, U239
19	2000 Gal	Inside M-22	B001, B002, B003, D001, D002, D003, D004, D006, D008, D018, D019, D021, D022, D026, D027, D028, D029, D032, D033, D034, D035, D039, D040, F001, F002, F003, F005, F020, F039, K015, K073, K085, K149, K150, K151, P022, U017, U019, U023, U037, U070, U071, U072, U128, U131, U188, U207, U209, U210, U211, U220, U228, U239

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Tank Number	Tank Volume	Tank Location	Applicable EPA Waste Codes
20	20,000 Gal	U-87	B001, B002, B003, D001, D002, D003, D004, D006, D008, D018, D019, D021, D022, D026, D027, D028, D029, D032, D033, D034, D035, D039, D040, F001, F002, F003, F005, F020, F039, K015, K073, K085, K149, K150, K151, P022, U017, U019, U023, U037, U070, U071, U072, U128, U131, U188, U207, U209, U210, U211, U220, U228, U239
TOTAL	76,500 Gal	--	----

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MODULE V

INCINERATION

A. CONSTRUCTION AND MAINTENANCE

- (1) The Permittee shall maintain the liquid waste incinerator (LWI) system in accordance with the attached design plans and specifications, Attachments F and I, or equivalent, of the facility's Part 373 Permit.
- (2) No modification to the liquid waste incinerator and its air pollution control equipment shall be made which would affect the achievement of the performance standards in Condition V.B or any other permit conditions specified in this permit, without first obtaining written approval from the New York State Department of Environmental Conservation (NYSDEC).
- (3) Any hole, crack, breach or any other defect (e.g., hot stack holes) in the incineration system through which waste feeds, incinerator off-gas, APCE aqueous streams in contact with the flue gas, etc., might escape (or ambient air may leak in), must be repaired so as to prevent the release (or intake) of these materials. Once noticed, a first attempt at repair will be made within 5 days, with the defect being completely sealed within 10 days of its discovery. If the Permittee cannot comply with this condition, the Department's Environmental Coordinator must be notified in writing within 5 days from the date of discovery stating the nature and location of the problem, potential hazards to human health and the environment, reason why the breach cannot be repaired within 10 days of the date of discovery and the expected method of, and schedule for, repair. Furthermore, this same information is to be submitted in writing to the Regional and Central Offices of the Department within 15 days of the date of discovery.

Leaks from process equipment (as defined in 6 NYCRR 373-2.27(b)) will be repaired within the time period specified in 6 NYCRR 373-2.28.

- (4) The Permittee shall design and install a new replacement quench tower in the incinerator's air pollution control equipment (APCE) system. This tower shall be designed and operated in a manner sufficiently similar to, or

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better than, the existing quench tower so as to provide reasonable assurance to the Department that the incineration system's emissions with the new tower in service are similar to, or better than, what has been demonstrated in the past, and that human health and the environment are not adversely affected. The Permittee shall comply with the following schedule:

- (a) No later than August 31, 1999, the Permittee shall complete the quench design and within 10 days of that date submit to the Department for informational purposes, the results of the complete design of the quench, including: heat & material balance around the tower; a determination of the proposed materials of construction, including refractory; corrosion tests; any required thermal testing; spray nozzle testing; and complete construction drawings.

During the preliminary design stages, the Permittee shall notify the Department in writing, of changes (if any) from the existing tower design (including new dimensions and/or the new operating parameters such as the water flow rates and purge rates, etc. for the new tower) and provide to the Department for its approval a test procedure by which the Permittee will assure the Department that the incinerator performance with the new quench tower will result in the same or lower emissions obtained from the existing tower. This stack sampling test plan would need to be submitted for Departmental review and approval no later than September 30, 1999. This plan would provide a protocol for a test composed of three sampling runs, with sampling of the feed and the stack gas to determine HCl and PM removal. This plan would have a format similar to what has been presented in past trial burn testing plans submitted to the Department. Any required stack testing would be performed within 90 days of the completion of quench installation.

- (b) No later than February 29, 2000, Permittee shall complete procurement of the quench tower components and within 10 days of that date provide to the Department a certification stating that procurement and fabrication of quench components have occurred, including: specifications for quench components; quench brick; nozzle assemblies; and any additional new components.